11-5965-230-35P

*TM 11-5965-230-35P
TO 31W1-3HS30-34

DEPARTMENT OF THE ARMY TECHNICAL MANUAL
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

FIELD AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR HEADSETS HS-30-A, HS-30-B, HS-30-C, HS-30-D, HS-30-E, HS-30-F, HS-30-G, HS-30-H, HS-30-J, HS-30-K, HS-30-L, HS-30-R, AND HS-30-U

Departments of the Army and the Air Force, Washington 25, D. C.
15 July 1959

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SECTION I

INTRODUCTION

1. Scope

a. General. This manual lists the quantities of repair parts for third and fourth echelon field maintenance and is a basis for requisitioning authorized parts. It is also a guide for fifth echelon in establishing initial levels of spare parts.

b. Columns. The column headings are defined as follows:

(1) *Source, maintenance, and recoverability code.* Source, maintenance, and recoverability codes indicate the technical service responsible for supply, the echelons where an item is stocked, echelons where an item is installed or repaired, and whether an item is repairable or salvageable. The source code column is divided into four columns. Symbols are used in these four columns as follows:

(a) *Column A.* The numbers in this column indicate the technical service responsible for supply. AR 310–2 defines the basic numbers used to identify the technical services. The number "11" (the Signal basic number) is not used, if the part is supplied by Signal Corps; instead the column is blank.

(b) *Column B.* This column indicates the point within the maintenance system that the part is available. The symbol "P1" indicates that the repair part is a low mortality part;

*This manual, together with TM 11-5965-230-12P, 15 July 1959, supersedes DA Supply Manual SIG 7 & 8 HS-30, 3 April 1957.

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procured by technical services, stocked only in and supplied from technical service key depots, and authorized for installation at indicated maintenance echelons.

(c) Column C. This column indicates the lowest maintenance echelon authorized to install the part. The symbols used indicate the following:

"O"—Organizational maintenance (1st and 2d echelon).

"F"—Field maintenance (3d echelon).

(d) Column D. Not used.

(2) *Federal stock number.* The "Stock number" column lists the 11-digit Federal stock number.

(3) *Designation by model.* A dagger symbol (†) indicates the model in which the part is used.

(4) *Description.* Nomenclature or the standard item name and brief identifying data for each item is listed in this column. When requisitioning, enter the nomenclature and description on the requisition.

(5) *Unit of issue.* The unit of issue is the supply term applied to the smallest quantity by which the individual item is counted for procurement, storage, requisitioning, allowances, and issue purposes.

(6) *Expendability.* Expendable items are indicated by the letter X; nonexpendable items are indicated by NX.

(7) *Quantity incorporated in unit.* This column lists the quantity of each part found in a given assembly, component, or equipment.

(8) *Field (third echelon).* The numbers in these columns indicate quantities of repair parts authorized for initial stockage for use in third echelon maintenance and in supply support to second echelon. Quantities are based on 100 equipments to be maintained for a 15-day period.

(9) *Field (fourth echelon).* The numbers in this column indicate quantities of repair parts authorized for initial stockage for use in fourth echelon maintenance. The quantities are based on 100 equipments to be maintained for a 15-day period.

(10) *Depot (fifth echelon).* The numbers in this column indicate quantities of repair parts authorized for depot maintenance and for initial stockage for maintenance, and for supply support to lower echelons. The entries are based on the quantity required for rebuild of 100 equipments.

(11) *Illustration.* Not used.

2. Maintenance by Using Organizations

When this equipment is used by signal service organizations organic to the theater headquarters or communication zones to provide theater communications, those repair parts authorized up to and including fourth echelon are authorized for stockage by the organization operating this equipment.

3. Critical Items

A zero slash (ø) appears in the "Description" column by items that are expected to fail during the first year. This symbol also appears by items that will make the equipment inoperative if they fail. (Do not confuse the symbol with P and P1 source code symbols (par. 1*b*(1)(*b*)). P or P1 indicates mortality according to overall demand on the supply system; ø indicates relative mortality of items within this equipment.)

4. Requisitioning Information

a. The allowance factors are based on 100 equipments. In order to determine the number of parts authorized for initial stockage for the specific number of equipments supported, the following formula will be used and carried out to two decimal places:

$$\frac{\text{Specific number of equipments supported} \times \text{allowance factor}}{100} = \text{Number of parts authorized for initial stockage.}$$

b. Fractional values obtained from above computation will be rounded to whole numbers as follows:

(1) When the total number of parts au-

thorized is less than 0.5, the quantity authorized will be zero.

(2) When the total number of parts authorized is between 0.5 and 1.0, the quantity authorized will be one.

(3) For all values above one, fractional values below 0.5 will revert to the next lower whole number and fractional value 0.5 and above will increase to the next higher whole number.

c. The quantities determined in accordance with the above computation represent the initial stockage for a 15-day period.

5. References

A Maintenance Allocation Chart showing all repair operations authorized to be performed by the respective echelons of maintenance is contained in TM 11-5965-230-12P, Operator's and Organizational Maintenance Repair Parts and Special Tools Lists and Maintenance Allocation Chart for Headsets HS-30-A, HS-30-B, HS-30-C, HS-30-D, HS-30-E, HS-30-F, HS-30-G, HS-30-H, HS-30-J, HS-30-K, HS-30-L, HS-30-R, and HS-30-U.

6. Abbreviations

rec	receiver
u/w	used with
WECo	Western Electric Co.

7. Comments or Suggestions

Any comments concerning omissions and discrepancies in this manual will be prepared on DA Form 2028 and forward direct to the Commanding Officer, U. S. Army Signal Equipment Support Agency, Fort Monmouth, N. J., ATTN: SIGFM/ES-ML.

SECTION II. FUNCTIONAL PARTS LIST

(1) SOURCE MAINTENANCE AND RECOVERABILITY CODE				(2) FEDERAL STOCK NUMBER	(3) DESIGNATION BY MODEL						(4) DESCRIPTION	(5) UNIT OF ISSUE	(6) EXPENDABILITY	(7) QUANTITY INCORPORATED IN UNIT	(8) FIELD 15 DAYS MAINTENANCE ALLOWANCE PER 100 EQUIPS		(10) DEPOT QUANTITY REQUIRED FOR REBUILD OF 100 EQUIPS	(11) ILLUSTRATIONS	
															3RD	4TH	5TH	FIGURE NO	ITEM NO
A	B	C	D		1	2	3	4	5	6	HEADSET HS-30-A, B, C, D, E, F, G, H, J, K, L, R, U								
											NOTE: Model Column 1 refers to HS-30-A, D; Column 2 refers to HS-30-B; Column 3 refers to HS-30-E; Column 4 refers to HS-30-F; Column 5 refers to HS-30-G; Column 6 refers to HS-30-C, H, J, K, L, R, U								
				5965-164-7259							HEAD SET HS-30-A, B, C, D, E, F, G, H, J, K, L, R, U	ea	NX						
	P1	O		5340-408-2595		†	†	†	†	†	BUSHING: seals cable in rec shell; Sig dwg SC-A-7730-C, item No. 3	ea	X	2	4	0.5	20		
	P1	F		5805-128-8873	†	†	†	†	†	†	CAP, ELECTRICAL: retains rec in shell; Sig dwg SC-D-7726	ea	X	2	4	0.5	20		
	P1	F		5965-049-7649		†	†	†	†	†	CLAMP: retains cable in rec shell; Sig dwg SC-A-7730	ea	X	2	4	0.5	10		
	P1	F		5995-162-0466	†	†	†	†	†	†	Ø CORD CD-620-U	ea	X	1	4	0.5	13		
	P1	F		5965-128-0545	†	†	†	†	†	†	DIAPHRAGM, RECEIVER: reproduces sound in rec element; Sonotone part/dwg FA-538-1-51	ea	X	2	4	0.5	6		
	P1	F		5965-224-4834		†			†	†	Ø EARPHONE, ELEMENT: Sig dwg SC-D-7727	ea	X	2	4	0.5	10		
	P1	O		5965-280-3586	†	†	†	†	†	†	HEADBAND HB-30	ea	X	1	-	0.5	4		
	P1	F		5965-127-1611				†			HOUSING: houses headset rec R-30-F; Imperial Molded Prod dwg No. BM6260 and No. HP3008	ea	X	2	4	0.5	20		
	P1	O		5965-280-3606	†	†	†	†	†	†	INSERT M-300	ea	X	2	20	3	190		
	P1	F		5965-128-8758	†	†	†	†	†	†	Ø RECEIVER R-30-U	ea	X	2	4	0.5	10		
	P1	F		5305-407-8574	†	†	†			†	SCREW, MACHINE: connects cable to earphone element; WECo P133305	ea	X	4	6	0.5	35		
	P1	F		5965-281-0313	†	†	†		†	†	SHELL, EARPHONE: houses headset rec; Sig dwg SC-D-7725	ea	X	2	4	0.5	20		
	P1	F		5310-193-7636	†	†	†	†	†	†	WASHER, LOCK: u/w earphone element; Sig Std part No. 104-3S-24	ea	X	4	4	0.5	10		

CHANGE

No. 1

TM 11-5965-230-35P
TO 31W1-3HS30-34
C1
HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 13 August 1984

FIELD AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS FOR HEADSETS HS-30-A, HS-30-B, HS-30-C, HS-30-D, HS-30-E, HS-30-F, HS-30-G, HS-30-H, HS-30-J, HS-30-K, HS-30-L, HS-30-R, AND HS-30-U (5965-00-164-7259)

TM 11-5965-230-35P, 15 July 1959, is changed as follows:

Page 4, Section III is added after Section II.

SECTION III

CROSS REFERENCE INDEX. The Cross-Reference Index is a cross-reference listing of part number to National Stock Number.

a. *Use of Cross-Reference Index*. To order a part listed in the Cross-Reference Index, note part number and then cross-reference that part number to the National Stock Number in the cross-reference index. Then order through normal ordering channels.

b. *Ordering Part Numbers Without National Stock Number*. If the part number does not have a National Stock Number, then order the part through normal ordering channels using the part number and the FSCM.

CROSS REFERENCE INDEX FORMAT

Parts With AN FSN

FSN	NEW NSN	FSCM	PART NUMBER
59650497649	5965000497649	80063	SC-A-7730DET2
59651271611	NONE	30335	BM6260
59651280545	NONE	55933	FA-538-1-51
59651288758	5965001288758	80063	R30U
58051288873	5999001288873	80063	SC-D-7726
59951620466	5995001620466	80063	CD-620-U
59651647259	5965001647259	99994	HS-30A,B,C,D,E,F,G,H,J,K,L,R,U
53101937636	NONE	80063	104-3S-2A
59652244834	NONE	80063	SC-D-7727
59652803586	NONE	80058	HB-30
59652803606	5965002803606	80063	M-300
59652810313	NONE	80063	SC-D-7725
53054078574	NONE	64959	P133305
53404082595	NONE	80063	SC-A-7730-C

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Sig Depots (17)
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Fitzsimons AH (1)
AMS (1)
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11-117 (2)
11-155 (2)
11-500 AA-AE (2)
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11-587 (2)
11-592 (2)
11-597 (2)

NG: State AG (3).
USAR: None.
For explanation of abbreviations used, see AR 320-50.

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